a second communication path between the user station and the at least one services station,

wherein the user station [being] is arranged for [the] issuing [of] data packets according to a first protocol and the at least one services station [being] is arranged for [the reception of] receiving the data packets according to the first protocol, and

wherein the second communication path [comprising] comprises:

[-] a first network arranged for [the transmission of] transmitting data according to a second protocol,

[-] a first device for receiving the data packets [from] issued by the user station and for supplying said data packets to the first network, and

[-] a second device for receiving said data packets from the first network and for routing the received data packets to the at least one services station via a second network arranged [to the transmission of] for transmitting data according to the first protocol.

2. (Amended) The communication [Communication] system according to claim 1, [in which] wherein the second device is

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arranged for establishing a path to the at least one services station, [a] said path having an identifier [being] assigned [to said path] thereto, and [for providing] wherein the second device provides the received data packets with said path identifier.

3. (Amended) The communication [Communication] system according to claim 1, [in which a] wherein the second device is arranged for providing access to a group of services stations [,] having a common single access number [being common to said group of services stations].

4. (Amended) The communication [Communication] system according to claim 1, [in which a] wherein the second device is arranged for providing access to a single services station [, the device] having a unique access number.

5. (Amended) The communication [Communication] system according to claim 1, [in which] wherein the first network comprises a telephony network.

6. (Amended) The communication [Communication] system according to claim 1, [in which] wherein the first network comprises an ISDN (Integrated Digital Services Network) [network].

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7. (Amended) The communication [Communication] system according to claim 1, [in which] wherein the first communication path comprises a satellite trajectory.

8. (Amended) The communication [Communication] system according to claim 1, [in which] wherein the first communication path comprises a cable network.

A1 Cont.

9. (Amended) The communication [Communication] system according to claim 1, [in which] wherein the first protocol [is the] an ATM (Asynchronous Transmission Mode) protocol.

10. (Amended) [Device for the issuing of data packets, received over a non-packet switching network, to a packet switching network, the] A device comprising:

[-] means for [the demodulation of received] demodulating signals received over a non-packet switching network,

[-] means for [the extraction of] extracting data packets from the demodulated signals,

[-] means for [the] buffering [of] the extracted data packets,

[-] means for [the] routing [of] the buffered data packets based on [the basis of] information received from the non-packet switching network,

[-] means for [the] multiplexing [of] the routed data packets,

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[-] means for [the supply of] supplying the multiplexed data packets to a packet switching [data connection] network, and

[-] means for [the control of] controlling the device.

11. (Amended) The device [Device] according to claim 10, further comprising:

[-] means for [the] demultiplexing [of] the data packets,

[-] means for [the] buffering [of] the demultiplexed data packets,

[-] means for [the conversion of] converting the buffered, demultiplexed data packets into serial data signals,

[-] means for [the modulation of] modulating the serial data signals, and

[-] means for [the] issuing [to a network of] the modulated data signals.

12. (Amended) The device [Device] according to claim 10, [in which] wherein the means for [the extraction of] extracting data packets [are arranged] comprises means for [the extraction of] extracting ATM (Asynchronous Transmission Mode) cells, and [in which] wherein the packet switching data [connection] network comprises an SDH (Synchronous Digital Hierarchy) connection.

13. (Amended) The device [Device] according to claim 10, [in which] wherein the means for [the extraction of] extracting data packets [are arranged] comprises means for [the extraction

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of] extracting X.25 packets, and [in which] wherein the packet switching [data connection] network comprises an ISDN (Integrated Services Digital Network) [connection].

14. (Amended) The device [Device] according to claim 10, [provided with] further comprising means for [the modification of the] modifying addresses of the data packets.

15. (Amended) A method [Method] for [the transmission of] transmitting an ATM [cells] (Asynchronous Transmission Mode) cell over a non-packet switching network, comprising:

at [the] a transmitting end:

[-] converting [an] the ATM cell into a serial form;

[-] modulating [the] data of the ATM cell;

[-] selecting a connection over the non-packet switching network;

[-] transmitting the modulated data over the non-packet switching network; and

[comprising] at the receiving end:

[-] receiving the modulated data;

[-] demodulating the received data;

[-] converting the modulated data into a parallel form;

[-] reconstructing the ATM cell,

[-] deriving a path identifier from signalling information received over the non-packet switching network, and

[-] modifying [the] an address of [the] a data packet by assigning said path identifier to the data packet.

16. (Amended) The method [Method] according to claim 15, [in which] wherein the non-packet switching network comprises a switched public telephony network.

17. (Amended) The method [Method] according to claim 15, [in which] wherein the non-packet switching network comprises an ISDN (Integrated Services Digital Network) [network].

18. (Amended) The method [Method] according to claim 15, [in which] wherein the ATM cell is transmitted in X.25 packets.

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